



*IFW*

PTO/SB/21 (09-06)

Approved for use through 03/31/2007. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b>  <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/825,568-Conf. #9114	
	Filing Date	April 14, 2004	
	First Named Inventor	Chait	
	Art Unit	1637	
	Examiner Name	K. R. Horlick	
Total Number of Pages in This Submission	11	Attorney Docket Number	0112602.00152US3

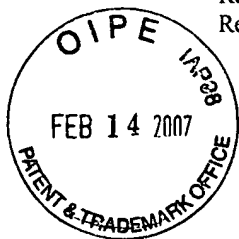
ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	Return Receipt Postcard
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts/Incomplete Application		
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		
<div>Remarks</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	WILMER CUTLER PICKERING HALE AND DORR LLP		
Signature			
Printed name	James T. Olesen		
Date	February 12, 2007	Reg. No.	46,967

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
Dated: February 12, 2007	Signature:  (Mary Jo Nispel)

Application No. 10/825,568  
Reply dated February 12, 2007  
Reply to Restriction Requirement Dated January 11, 2007

Docket No.: 0112602.00152 US3  
(Patent)



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Chait, *et al.* Confirmation No.: 9114  
Application No.: 10/825,568 Art Unit: 1637  
Filed: April 14, 2004 Examiner: K. R. Horlick  
Title: ***ULTRA-SENSITIVE DETECTION SYSTEMS***

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: February 12, 2007

Signature:   
(Mary Jo Nispen)

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO RESTRICTION REQUIREMENT**

Dear Sir:

In response to the Restriction Requirement dated January 11, 2007, Applicants provisionally elect, with traverse, restriction group I (claims 526-554, and 577-585) drawn to reporter signal peptides having about 10 to about 35 amino acids, including an Asp-Pro sequence. Following this election, the status of all claims is as provided:

**Amendments to the Claims** are reflected in the complete listing of claims, which begins on page 2 of this paper.

**Remarks** begin on page 9 of this paper.

**Conclusion** begins on page 10 of this paper.